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ABSTRACT

This paper summarizes information reported by states for the 1985-86 school year on supply of and demand for personnel necessary for implementation of the Education of the Handicapped Act. Following a narrative section which synthesizes the statistics, tables give data for numbers of teachers needed and employed, broken down by handicapping condition and divided among 55 states and insular areas. Tables also give similar data for school staff other than special education teachers. (PB)

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TENTH ANNUAL REPORT TO CONGRESS ON THE IMPLEMENTATION OF THE EDUCATION OF THE HANDICAPPED ACT [Public Law 94-142], 1988

SUMMARY OF INFORMATION ON THE SUPPLY OF AND DEMAND FOR PERSONNEL

Reporting Data on the 1985-86 School Year

Annual reports to the U.S. Congress, prepared by the Office of Special Education and Rehabilitative Services, present a wide variety of data on the status of special education in the states and as a national aggregate. Among these data are reports on numbers of teachers and other personnel employed and needed.

The information in this paper is from the Tenth Annual Report to Congress. It refers to personnel issues for the 1985-86 school year. Text and tables are taken from the report, and table numbers reflect the tabular sequence in the report itself.

CITATION

Division of Innovation and Development/Office of Special Education Programs. (1988). Tenth annual report to Congress on the implementation of the Education of the Handicapped Act. Washington, DC: U.S. Department of Education, Office of Special Education and Rehabilitative Services.

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Tenth Annual Report to Congress on the Implementation Of the Education of the Handicapped Act, 1988

Office of Special Education Programs and Rehabilitative Services
U.S. Department of Education

SUMMARY OF INFORMATION ON THE SUPPLY OF AND DEMAND FOR PERSONNEL

IN 1985-86, states gathered data on the numbers of personnel employed and needed to fully serve children with handicapping conditions in the schools.

* The total number of special education teachers employed during that year was 291,954. The numbers of teachers employed to teach children with handicapping conditions in the following categories increased from the previous year: learning disabilities, emotional disturbance, speech/language impaired, deaf, multihandicapped, orthopedically impaired and visually impaired. The numbers of teachers employed to teach children with mental retardation, other health impairments, and who are deaf-blind decreased from the preceding year.

* The number of additional teachers needed for full services to children and youth with handicapping conditions was 27,474. The largest numbers of teachers needed were for children with learning disabilities, mental retardation, emotional disturbance, and speech/language impairments. In proportion to the numbers of teachers employed, the greatest needs for additional teachers were in the areas of deaf-blind, emotional disturbance, and visually handicapped.

* There were 229,872 personnel other than special education teachers employed to serve children with handicaps in the schools.

* An additional 13,720 such personnel were needed for full services to these children. In terms of numbers of personnel needed, the greatest shortages existed for teacher aides and other non-instructional staff. In terms of the proportion of personnel presently employed, the greatest needs were for recreation therapists, physical therapists, occupational therapists, and audiologists.

* Needs for additional teachers were reported for all categories of children with handicapping conditions and for all types of other school personnel.

* Although total numbers of special education teachers and other personnel increased over the preceding year, the overall needs for both categories of personnel also increased substantially.

PERSONNEL EMPLOYED AND NEEDED

Delivery of special education services is contingent upon trained personnel qualified to provide the required services. Implementation of EHA-B is therefore directly dependent on the availability of personnel qualified in pertinent disciplines for the delivery of special education, as well as the availability

of trained support staff for the delivery of support services essential for special education. Due to the importance of personnel in the delivery of special education services, this section reports on the numbers of special education personnel employed, as well as the numbers of special education personnel needed during the school year 1985-86. Additionally, some of the data from 1985-86 will be compared with data collected during previous years.

The data for this report have been counted in the following manner. Special education personnel were reported in full-time equivalency (FTE) or fractions thereof according to teaching assignment. For example, if a teacher worked with children diagnosed as learning disabled in the mornings only, the teacher was counted as 50 percent FTE for the learning disabled. And, for this report and as in previous years, personnel were subdivided for counting as follows. First, the category of special education teachers included (a) special education teachers and (b) speech pathologists who were counted as teachers of speech or language impaired. Second, the category of personnel other than special education teachers included those in other professions providing services to handicapped children and youth, ranging from teacher aides to counselors, therapists, and special education administrators. Also, support staff trained in the provision of support services necessary for the delivery of special education such as nurses, interpreters, bus drivers, etc., were counted in this category.

Additionally, counts for the categories of personnel employed and personnel needed were based upon the following. Personnel employed were counted in full-time equivalency of assignment for personnel employed as of December 1 of the 1985-86 school year. The need for personnel was counted in two ways. First, the unfilled vacancies that occurred during the 1985-86 school year were counted. Second, a count was made of additional personnel that were needed during the 1985-86 school year to fill positions occupied by persons who were not appropriately and adequately prepared or trained for the position held. These methods of counting and the general data collection procedures are essentially similar to those employed in previous years.

Counts of special education personnel employed and needed for school year 1985-86 are reported, by state, for special education teachers according to handicapping condition served and are presented in Tables BE1. Counts of personnel employed and needed for school year 1985-86 are reported, by state, for personnel other than special education teachers in Tables BE2.

States reported that the number of special education teachers employed increased approximately 6 percent from 1984-85 to 1985-86. For the 10 handicapping conditions served by special education teachers, seven categories increased in the number employed from 1984-85 to 1985-86, while three categories decreased. The number of teachers employed increased for teachers in the following handicapping categories: learning disabled, emotionally disturbed, speech or language impaired, hard of hearing and deaf, multihandicapped, orthopedically impaired, and visually impaired. The number of teachers employed decreased in the following categories: mentally retarded, other health impaired, and deaf-blind.

Counts of special education teachers employed and needed by handicapping condition are presented in Table 13. The 50 states and insular areas reported that 27,474 additional teachers were needed to fill vacancies and replace

uncertified staff. States reported that, for the 1985-86 school year, the greatest need to fill positions, in terms of numbers, is for teachers of the learning disabled, mentally retarded, emotionally disturbed, and speech or language impaired. This had also been true for the 1984-85 school year. These four categories accounted for 87 percent of all teachers needed. Approximately 10 percent of the teachers were needed for the categories of other health impaired, hard of hearing and deaf, multihandicapped, orthopedically impaired, visually handicapped, and deaf-blind.

Counts of the total numbers of personnel other than special education teachers employed are presented in Table 15. The totals for numbers of personnel other than special education teachers employed increased from 226,021 during school year 1984-85 to 229,872 for 1985-86, an increase of approximately 2 percent. Thus, the total number of personnel other than special education teachers employed increased from 1984-85 to 1985-86, but just minimally. Considered individually, some categories of personnel increased, while some decreased. Those categories of personnel which increased, in order of largest percentage of increase, were work-study coordinators, physical therapists, teacher aides, counselors, vocational education teachers, occupational therapists, supervisors/administrators, and physical education teachers. Those categories of personnel which decreased, in order or largest percentage of decrease, were recreational therapists, supervisors/administrators (SEA), school social workers, and other noninstructional staff. Those categories of personnel which did not change appreciably in terms of staff employed were psychologists and audiologists.

Table 15 presents counts of total numbers of personnel other than teachers employed and needed during 1985-86. The 50 states and insular areas indicated that an increase of 13,720 staff in all categories of personnel other than special education teachers was needed to fill vacancies and replace noncertified staff in 1985-86. As was the case for school year 1984-85, in proportion to the number of personnel employed, occupational therapists and physical therapists were the most needed personnel for school year 1985-86. However, for that same school year, audiologists were the third highest ranked personnel group needed. In 1984-85, supervisors/administrators (SEA) were the third highest ranked group in terms of personnel needed, but in 1985-86 they were the fourth ranked personnel group in terms of personnel needed. It should be noted that for the 1985-86 school year, recreational therapists were the single most needed group. However, this was the first year for such a finding and may be related to the decrease of the total number of recreational therapists employed in 1985-86 as compared to 1984-85.

The tables on the following pages present state-specific information on special education teachers and other school staff employed and needed in 1985-86 to serve children with handicapping conditions.

This document was prepared pursuant to Grant No. G008730053-88 with the U.S. Department of Education. Office of Special Education and Rehabilitative Services. Agencies undertaking such projects under government sponsorship are encouraged to express their judgment freely in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Department of Education position or policy.

TABLE 13

Number of Special Education Teachers Employed and Needed by Handicapping Condition During School Year 1985-86[a/]

Handicapping Condition	Employed	Needed	Percent Needed as a Percent of Employed	Percent of Total Needed
Learning Disabled	111,427	10,785	9.7	39.3
Mentally Retarded	61,411	5,014	8.2	18.3
Emotionally Disturbed	32,774	4,701	14.3	17.1
Speech or Language Impaired	39,747	3,504	8.8	12.8
Hard of Hearing and Deaf	8,200	679	8.3	2.5
Multihandicapped	9,078	868	9.6	3.2
Orthopedically Impaired	4,681	446	9.5	1.6
Other Health Impaired	3,376	230	6.8	0.8
Visually Handicapped	3,261	342	10.5	1.3
Deaf-Blind	298	46	15.4	0.2
Total Teachers[b/]	291,954	27,474	9.4	97.7

a/ Personnel needed included:

(1) Number of vacancies that occurred; and

(2) Number of additional personnel needed to fill noncertified or nonlicensed staff.

b/ The number of total teachers does not equal the sum of teachers by handicapping condition because the total includes counts of teachers not categorized by States by handicapping condition. Percentages are based on data provided by handicapping condition; that is, the total number employed is 278,093 and the total number needed is 27,182. Since the number of special education teachers needed is 27,182 and the number needed by handicapping condition is 26,615, a total of 567 teachers are needed but not designated by States by handicapping condition.

Supply-Demand #18

TABLE 15

Number of Special Education Personnel Other Than Teachers Employed and Needed During School Years 1985-86[a/]

Type of Personnel	Employed	Needed	Percent Needed of Employed	Percent of Total Needed
Teacher aides	122,504	6,939	5.7	50.6
Other non-instructional staff[b/]	31,164	1,325	4.3	9.7
Psychologists	16,313	997	6.1	7.3
Supervisors/administrators	12,043	691	5.7	5.0
School social workers	7,833	542	6.9	3.9
Diagnostic staff	8,624	745	8.6	5.4
Counselors	6,808	262	3.8	1.9
Vocational education teachers	5,782	362	6.3	2.6
Physical education teachers	5,931	322	5.4	2.3
Occupational therapists	3,120	506	16.2	3.6
Physical therapists	2,534	454	17.9	3.3
Work study coordinators	1,989	193	9.7	1.4
Audiologists	961	145	15.0	1.0
Supervisors/administrators (SEA)[c/]	829	86	10.4	0.6
Recreational therapists	367	143	38.9	1.0
Total	229,872	13,720	6.0	99.6

a/ Personnel needed included:

(1) Number of vacancies that occurred; and

(2) Number of additional personnel needed to fill noncertified or nonlicensed staff.

b/ Includes staff involved in health services (nurses, psychiatrists, etc.), food service, maintenance, pupil transportation, etc.

c/ The number of all staff does not equal the sum of personnel other than teachers by type of personnel because the number of staff included counts of personnel that were not reported by type of personnel. Percentage needed of employed for all staff is only based on data provided by personnel type; that is, the total number employed is 226,898 and the total number needed is 13,742. The difference between total number needed (13,720) and the number needed by type of personnel (13,712) is 8.

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TABLE BE1

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED
FOR SCHOOL YEAR 1985–1986

BY HANDICAPPING CONDITION

STATE	ALL CONDITIONS		LEARNING DISABLED		SPEECH IMPAIRED		MENTALLY RETARDED		EMOTIONALLY DISTURBED	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	4,565	62	1,298	18	418	5	2,126	21	384	9
ALASKA	859	116	464	49	174	18	62	29	38	10
ARIZONA	3,457	276	1,617	110	451	50	512	45	331	21
ARKANSAS	2,731	329	1,246	136	428	52	835	108	50	3
CALIFORNIA	28,958	883	12,519	547	3,293	126	2,437	101	723	29
COLORADO	3,412	438	1,451	292	524	82	485	37	584	73
CONNECTICUT	3,816	0	1,887	0	568	0	781	0	384	0
DELAWARE	1,111	75	538	43	73	0	165	7	241	23
DISTRICT OF COLUMBIA	693	9	318	4	68	1	149	0	183	3
FLORIDA	10,279	2,343	3,374	866	1,535	258	2,219	398	1,799	687
GEORGIA	6,562	626	1,844	122	763	69	2,179	192	1,514	199
HAWAII	819	6	429	3	128	0	118	2	47	0
IDAHO	923	38	578	12	186	4	183	9	20	4
ILLINOIS	24,018	175	4,799	35	2,149	32	2,863	18	2,293	50
INDIANA	6,478	619	2,229	186	808	58	2,299	199	842	89
IOWA	4,392	971	1,578	498	454	32	1,253	182	628	168
KANSAS	3,878	78	853	29	485	3	488	0	436	17
KENTUCKY	3,589	368	1,399	132	472	33	1,362	138	256	41
LOUISIANA	6,385	1,251	2,374	534	1,187	158	1,471	334	629	117
MAINE	2,488	196	834	43	308	38	512	13	333	48
MARYLAND	6,121	388	2,898	128	1,179	78	992	44	482	43
MASSACHUSETTS	6,884	0	2,129	0	1,381	0	1,273	0	823	0
MICHIGAN	11,323	674	3,231	253	1,356	79	3,347	137	2,170	149
MINNESOTA	6,633	0	2,557	0	1,271	0	1,838	0	727	0
MISSISSIPPI	3,384	486	1,531	169	502	128	1,109	154	35	9
MISSOURI	5,817	461	2,499	182	968	0	1,444	198	714	138
MONTANA	779	68	–	0	–	0	–	0	–	0
NEBRASKA	1,885	54	177	7	319	11	162	6	79	12
NEVADA	945	117	533	57	118	14	114	20	88	13
NEW HAMPSHIRE	1,443	282	568	128	357	19	184	25	189	89
NEW JERSEY	12,685	778	6,161	275	2,298	381	942	39	1,759	64
NEW MEXICO	2,997	188	1,325	68	570	47	354	26	430	23
NEW YORK	28,685	4,267	10,886	1,898	2,928	389	2,989	370	5,010	982
NORTH CAROLINA	8,234	476	1,981	124	663	87	1,891	122	831	92
NORTH DAKOTA	898	78	286	36	227	18	257	11	51	9
OHIO	14,153	987	5,672	429	1,281	88	4,148	193	995	89
OKLAHOMA	4,751	499	1,485	163	801	116	1,933	110	166	60
OREGON	2,888	292	1,833	55	421	28	626	22	315	40
PENNSYLVANIA	11,836	899	4,878	169	1,489	85	3,213	136	1,744	161
PUERTO RICO	1,983	158	183	11	43	5	1,233	93	98	6
RHODE ISLAND	1,148	29	723	29	148	4	98	0	72	0
SOUTH CAROLINA	3,948	984	1,232	383	505	117	1,482	282	419	116
SOUTH DAKOTA	1,133	295	–	0	171	0	–	0	–	0
TENNESSEE	4,329	186	1,972	79	659	4	1,074	35	169	27
TEXAS	16,479	1,945	7,844	1,000	2,238	288	3,699	337	1,099	218
UTAH	1,956	129	548	35	242	17	281	25	532	39
VERMONT	647	5	178	0	149	5	210	0	52	0
VIRGINIA	8,431	1,638	3,813	814	798	199	1,450	271	732	228
WASHINGTON	3,628	151	2,036	23	448	19	518	92	226	6
WEST VIRGINIA	3,116	1,074	1,154	436	461	146	998	257	293	175
WISCONSIN	6,162	1,362	2,864	519	1,281	184	1,275	155	1,135	482
WYOMING	737	58	483	24	124	7	92	7	58	9
AMERICAN SAMOA	32	3	4	0	0	0	18	2	0	0
GUAM	155	41	49	12	11	3	63	21	4	2
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	333	75	161	33	47	30	66	0	34	7
U.S. & INSULAR AREAS	291,954	27,474	111,427	10,785	39,747	3,584	61,411	5,014	32,774	4,781
50 STATES, D.C. & P.R.	291,434	27,355	111,213	10,740	39,689	3,471	61,284	4,991	32,737	4,692

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

THE FIGURES FOR 'ALL CONDITIONS' WILL NOT EQUAL THE SUM OF FIGURES FOR ALL OTHER COLUMNS BECAUSE SOME STATES COULD NOT APPORTION STAFF ACCORDING TO HANDICAPPING CONDITION SERVED.

DATA AS OF OCTOBER 1, 1987.

(T2E2B6)

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TABLE BE1

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED
FOR SCHOOL YEAR 1985–1986

BY HANDICAPPING CONDITION

STATE	HARD OF HEARING & DEAF		MULTIHANDICAPPED		ORTHOPEDICALLY IMPAIRED		OTHER HEALTH IMPAIRED		VISUALLY HANDICAPPED	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	134	3	157	3	74	0	–	2	62	1
ALASKA	32	5	44	10	16	2	13	0	12	3
ARIZONA	144	17	101	15	75	4	122	9	67	5
ARKANSAS	66	7	47	3	10	2	8	0	38	8
CALIFORNIA	488	19	663	27	470	19	214	9	138	6
COLORADO	116	6	227	21	61	14	–	0	42	4
CONNECTICUT	36	0	0	0	26	0	277	0	18	0
DELAWARE	29	0	10	2	33	0	5	0	9	1
DISTRICT OF COLUMBIA	6	0	8	0	9	1	16	1	10	0
FLORIDA	333	40	–	0	440	108	388	39	173	34
GEORGIA	148	16	–	0	156	15	85	8	72	5
HAWAII	25	0	28	1	33	0	–	0	10	0
IDAHO	16	0	0	0	0	0	20	1	0	0
ILLINOIS	657	6	410	0	298	0	–	6	100	4
INDIANA	200	16	179	34	97	19	10	11	97	7
IOWA	171	30	161	59	82	7	2	0	52	3
KANSAS	113	4	91	6	15	1	–	0	41	5
KENTUCKY	138	12	107	20	20	3	77	2	67	8
LOUISIANA	247	29	138	29	88	20	150	24	92	15
MAINE	54	23	207	14	46	15	180	6	10	6
MARYLAND	179	2	382	11	61	2	41	0	98	8
MASSACHUSETTS	84	0	132	0	66	0	84	0	36	0
MICHIGAN	421	22	225	6	–	0	480	17	133	10
MINNESOTA	160	0	–	0	232	0	–	0	48	0
MISSISSIPPI	78	9	38	4	50	8	–	0	38	3
MISSOURI	83	6	5	0	83	18	0	0	23	3
MONTANA	–	0	–	0	–	0	–	0	–	0
NEBRASKA	47	2	39	4	6	1	0	0	16	1
NEVADA	25	1	42	3	8	2	16	3	10	0
NEW HAMPSHIRE	20	0	91	18	7	1	14	1	11	2
NEW JERSEY	133	5	943	36	66	3	259	4	10	0
NEW MEXICO	85	2	123	9	64	2	13	1	46	3
NEW YORK	927	117	1,489	201	203	25	–	0	413	51
NORTH CAROLINA	341	30	266	26	67	4	189	0	81	11
NORTH DAKOTA	33	3	–	0	18	0	3	0	15	1
OHIO	292	13	1,183	133	582	35	–	0	80	7
OKLAHOMA	94	13	168	23	38	2	13	2	48	0
OREGON	129	26	–	3	114	7	186	14	64	14
PENNSYLVANIA	482	57	149	18	223	14	0	0	235	41
PUERTO RICO	82	2	260	25	20	0	23	2	34	5
RHODE ISLAND	26	4	18	1	2	0	51	0	7	0
SOUTH CAROLINA	137	24	18	7	77	23	89	9	83	18
SOUTH DAKOTA	–	0	–	0	–	0	–	0	–	0
TENNESSEE	89	0	135	25	80	11	124	11	40	3
TEXAS	528	34	411	13	247	18	279	18	317	7
UTAH	114	1	152	11	21	0	18	1	52	0
VERMONT	21	0	19	0	7	0	7	0	3	0
VIRGINIA	163	36	112	42	51	15	34	15	75	20
WASHINGTON	81	1	114	1	80	6	121	2	19	1
WEST VIRGINIA	85	22	–	0	44	16	24	13	49	9
WISCONSIN	119	13	–	0	222	4	–	0	61	6
WYOMING	14	1	24	3	13	1	4	0	4	0
AMERICAN SAMOA	3	0	5	1	0	0	0	0	0	0
GUAM	7	0	17	3	0	0	2	0	1	0
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	2	1	15	4	5	0	2	0	2	0
U.S. & INSULAR AREAS	8,200	679	9,878	868	4,681	446	3,376	230	3,261	342
50 STATES, D.C. & P.R.	8,189	678	9,841	868	4,676	446	3,372	230	3,258	342

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

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DATA AS OF OCTOBER 1, 1987.

(T2E2B6)

TABLE BE1

NUMBER OF SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED
FOR SCHOOL YEAR 1985-1986

BY HANDICAPPING CONDITION

	←DEAF-BLIND→	
STATE	EMPLOYED	NEEDED
ALABAMA	3	0
ALASKA	4	0
ARIZONA	37	0
ARKANSAS	3	1
CALIFORNIA	21	0
COLORADO	2	0
CONNECTICUT	0	0
DELAWARE	4	0
DISTRICT OF COLUMBIA	8	0
FLORIDA	9	0
GEORGIA	-	0
HAWAII	1	0
IDAHO	0	0
ILLINOIS	-	0
INDIANA	7	0
IOWA	12	0
KANSAS	0	0
KENTUCKY	0	0
LOUISIANA	9	0
MAINE	4	0
MARYLAND	7	2
MASSACHUSETTS	6	0
MICHIGAN	0	0
MINNESOTA	-	0
MISSISSIPPI	4	2
MISSOURI	6	0
MONTANA	-	0
NEBRASKA	0	0
NEVADA	0	3
NEW HAMPSHIRE	3	1
NEW JERSEY	36	1
NEW MEXICO	5	1
NEW YORK	-	0
NORTH CAROLINA	4	0
NORTH DAKOTA	4	0
OHIO	-	0
OKLAHOMA	7	2
OREGON	0	1
PENNSYLVANIA	23	10
PUERTO RICO	15	1
RHODE ISLAND	0	0
SOUTH CAROLINA	1	7
SOUTH DAKOTA	-	0
TENNESSEE	3	0
TEXAS	25	14
UTAH	3	0
VERMONT	1	0
VIRGINIA	2	0
WASHINGTON	3	0
WEST VIRGINIA	9	0
WISCONSIN	5	0
WYOMING	0	0
AMERICAN SAMOA	2	0
GUAM	1	0
NORTHERN MARIANAS	-	-
TRUST TERRITORIES	-	-
VIRGIN ISLANDS	-	-
BUR. OF INDIAN AFFAIRS	0	0
U.S. & INSULAR AREAS	298	48
50 STATES, D.C. & P.R.	295	48

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., AND PUERTO RICO MAY NOT EQUAL THE SUM OF THE U.S. & INSULAR AREAS BECAUSE OF ROUNDING.

THE FIGURES FOR 'ALL CONDITIONS' WILL NOT EQUAL THE SUM OF FIGURES FOR ALL OTHER COLUMNS BECAUSE SOME STATES COULD NOT APPORTION STAFF ACCORDING TO HANDICAPPING CONDITION SERVED.

DATA AS OF OCTOBER 1, 1987.

(T2E286)

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TABLE BE2

SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1985–86

	ALL STAFF		SCHOOL SOCIAL WORKERS		OCCUPATIONAL THERAPISTS		RECREATIONAL THERAPISTS		PHYSICAL THERAPISTS	
STATE	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	2,289	38	89	1	21	2	8	1	11	2
ALASKA	953	100	2	0	21	4	0	0	13	2
ARIZONA	2,729	256	67	4	54	8	8	5	41	11
ARKANSAS	849	104	4	0	4	1	0	0	5	0
CALIFORNIA	23,570	977	84	2	14	1	9	0	11	0
COLORADO	3,362	589	288	50	131	41	7	29	46	28
CONNECTICUT	3,941	–	163	–	–	–	–	–	–	–
DELAWARE	721	32	13	0	18	3	0	0	11	0
DISTRICT OF COLUMBIA	712	9	36	0	17	0	7	0	9	0
FLORIDA	8,150	823	292	29	112	28	9	5	91	28
GEORGIA	3,444	295	168	10	41	7	10	1	49	5
HAWAII	888	179	41	11	21	6	0	0	17	7
IDAHO	617	45	15	2	0	0	0	0	0	0
ILLINOIS	16,065	135	1,317	21	226	27	14	–	186	24
INDIANA	4,960	570	101	17	75	11	49	7	71	13
IOWA	3,372	194	183	6	28	6	12	0	18	15
KANSAS	2,729	46	103	0	16	3	0	0	11	2
KENTUCKY	2,988	186	41	1	33	6	10	1	57	11
LOUISIANA	7,336	1,345	230	54	87	31	9	2	49	26
MAINE	2,927	1,103	64	41	16	46	6	60	19	39
MARYLAND	5,877	218	102	8	97	7	16	8	86	9
MASSACHUSETTS	6,656	0	499	0	87	0	–	–	56	0
MICHIGAN	7,892	391	818	55	261	9	23	0	183	13
MINNESOTA	5,614	–	467	–	161	–	12	–	78	–
MISSISSIPPI	1,828	127	30	2	6	2	0	2	11	3
MISSOURI	2,428	0	35	0	34	0	0	0	21	0
MONTANA	868	43	8	0	8	2	1	0	5	1
NEBRASKA	984	13	13	3	18	1	0	0	19	1
NEVADA	856	83	2	0	6	1	2	0	6	2
NEW HAMPSHIRE	2,289	219	36	5	89	11	4	0	32	3
NEW JERSEY	15,158	557	1,058	35	149	22	21	1	148	11
NEW MEXICO	2,849	150	32	8	119	36	1	1	66	17
NEW YORK	28,538	0	–	–	177	–	–	–	135	–
NORTH CAROLINA	4,375	343	103	13	58	14	31	13	78	15
NORTH DAKOTA	631	15	38	1	32	1	3	0	22	0
OHIO	3,881	489	0	0	146	32	16	5	105	49
OKLAHOMA	2,397	391	28	21	22	12	11	0	35	17
OREGON	2,991	137	17	1	46	3	3	0	81	0
PENNSYLVANIA	10,193	256	165	0	130	0	11	2	102	1
PUERTO RICO	1,358	211	94	22	14	15	0	0	5	14
RHODE ISLAND	1,224	22	88	0	13	1	0	0	14	0
SOUTH CAROLINA	3,812	423	55	11	14	5	12	1	21	7
SOUTH DAKOTA	1,079	138	5	5	7	27	0	0	23	17
TENNESSEE	3,854	4	75	0	25	0	15	0	58	0
TEXAS	13,247	863	79	0	89	17	15	0	83	0
UTAH	1,253	79	83	1	19	1	1	0	45	1
VERMONT	855	0	11	0	5	0	2	0	3	0
VIRGINIA	5,782	1,083	321	78	184	29	8	1	87	30
WASHINGTON	2,735	147	41	1	102	20	–	–	45	19
WEST VIRGINIA	1,724	222	6	0	13	4	4	0	15	8
WISCONSIN	4,435	111	312	18	114	8	0	0	109	11
WYOMING	850	51	41	3	24	3	0	0	8	2
AMERICAN SAMOA	23	1	1	0	0	0	0	0	0	0
GUAM	165	1	3	0	4	0	1	0	3	0
NORTHERN MARIANAS	–	–	–	–	–	–	–	–	–	–
TRUST TERRITORIES	–	–	–	–	–	–	–	–	–	–
VIRGIN ISLANDS	–	–	–	–	–	–	–	–	–	–
BUR. OF INDIAN AFFAIRS	459	111	22	2	1	2	0	0	3	1
U.S. & INSULAR AREAS	229,872	13,712	7,833	542	3,128	506	367	143	2,534	454
50 STATES, D.C. & P.R.	229,225	13,599	7,807	540	3,115	504	366	143	2,527	453

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., & PUERTO RICO MAY NOT EQUAL THE SUM OF THE STATES AND INSULAR AREAS BECAUSE OF ROUNDING.

DATA AS OF OCTOBER 1, 1987.

(T2A286)

TABLE BE2

SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1985-86

	←TEACHER AIDES→		PHYSICAL EDUCATION ←TEACHERS→		←SUPERVISORS/ ADMINISTRATORS→		OTHER NON-INSTRUCTIONAL ←STAFF→		←PSYCHOLOGISTS→	
STATE	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	1,155	12	41	3	179	2	394	2	206	9
ALASKA	472	73	3	1	37	3	282	6	68	7
ARIZONA	1,543	168	44	5	97	10	349	9	275	10
ARKANSAS	343	29	5	1	97	8	281	58	9	0
CALIFORNIA	18,594	701	564	18	795	12	1,268	42	1,692	70
COLORADO	1,618	236	0	7	162	15	575	58	318	45
CONNECTICUT	1,892	-	223	-	98	-	412	-	195	-
DELAWARE	364	15	17	0	37	2	77	1	55	4
DISTRICT OF COLUMBIA	131	0	10	1	68	0	284	2	76	2
FLORIDA	4,278	477	98	18	684	84	1,548	54	426	31
GEORGIA	1,853	115	26	3	338	12	341	12	351	28
HAWAII	328	21	7	7	13	0	278	4	7	4
IDAHO	468	48	0	0	41	0	0	0	94	2
ILLINOIS	8,317	21	112	1	720	13	2,969	4	1,153	16
INDIANA	2,422	230	44	4	518	60	1,199	158	373	28
IOWA	2,152	97	13	1	180	7	361	22	298	27
KANSAS	1,949	28	13	1	136	0	66	3	326	18
KENTUCKY	1,178	72	133	1	204	0	791	48	181	9
LOUISIANA	3,708	748	331	86	274	56	1,719	149	272	83
MAINE	971	300	18	25	248	37	788	111	48	37
MARYLAND	2,206	46	118	4	241	6	1,518	78	122	16
MASSACHUSETTS	3,179	0	105	0	347	0	1,291	0	392	0
MICHIGAN	4,727	212	82	18	541	36	445	7	748	45
MINNESOTA	3,060	-	198	-	220	-	325	-	359	-
MISSISSIPPI	359	52	9	0	182	7	287	11	25	14
MISSOURI	1,717	0	0	0	183	0	98	0	24	0
MONTANA	459	35	8	1	37	0	7	0	107	4
NEBRASKA	797	0	0	0	38	2	0	0	81	0
NEVADA	412	56	14	1	28	4	78	1	79	9
NEW HAMPSHIRE	1,028	122	23	1	143	15	313	9	128	16
NEW JERSEY	4,828	204	278	41	817	27	960	19	1,813	41
NEW MEXICO	1,536	41	72	3	124	5	270	19	39	9
NEW YORK	18,431	-	1,292	-	2,915	-	3,587	-	2,888	-
NORTH CAROLINA	2,165	176	39	4	278	10	935	45	284	28
NORTH DAKOTA	364	4	15	1	71	3	0	1	37	1
OHIO	1,600	185	118	14	399	35	0	60	981	56
OKLAHOMA	733	91	138	5	155	35	820	183	87	28
OREGON	1,471	79	64	2	183	7	379	6	105	7
PENNSYLVANIA	5,383	258	283	0	836	0	2,052	0	648	0
PUERTO RICO	552	25	73	27	101	22	235	32	55	15
RHODE ISLAND	459	16	86	0	52	2	269	0	110	1
SOUTH CAROLINA	1,461	262	127	6	295	32	685	16	222	39
SOUTH DAKOTA	555	52	157	7	85	23	0	0	16	3
TENNESSEE	2,020	0	130	0	198	3	780	0	250	1
TEXAS	8,471	800	350	0	886	5	46	0	373	15
UTAH	837	62	7	0	87	2	59	1	111	7
VERMONT	183	0	13	0	68	0	193	0	38	0
VIRGINIA	2,605	586	150	10	286	53	989	133	381	91
WASHINGTON	1,582	20	-	-	172	24	363	11	389	45
WEST VIRGINIA	878	121	23	2	125	15	274	12	136	30
WISCONSIN	2,276	0	338	4	192	14	0	0	548	56
WYOMING	430	21	11	0	38	5	182	5	38	3
AMERICAN SAMOA	6	1	2	0	1	0	6	0	0	0
GUAM	90	0	1	0	3	0	39	0	10	0
NORTHERN MARIANAS	-	-	-	-	-	-	-	-	-	-
TRUST TERRITORIES	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-
BUR. OF INDIAN AFFAIRS	214	48	3	1	35	8	148	29	11	8
U.S. & INSULAR AREAS	122,584	8,939	5,931	322	14,957	691	31,184	1,325	16,313	997
50 STATES, D.C. & P.R.	122,194	8,898	5,925	321	14,918	683	30,979	1,297	16,292	992

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., & PUERTO RICO MAY NOT EQUAL THE SUM OF THE STATES AND INSULAR AREAS BECAUSE OF ROUNDING.

DATA AS OF OCTOBER 1, 1987.

(T2A2B8)

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TABLE BE2

SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1985-86

STATE	←DIAGNOSTIC STAFF→		←AUDIOLOGISTS→		←WORK-STUDY COORDINATORS→		←VOCATIONAL EDUCATION TEACHERS→		←COUNSELORS→	
	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED	EMPLOYED	NEEDED
ALABAMA	8	1	9	0	3	0	110	3	34	1
ALASKA	15	2	5	0	15	1	8	2	11	1
ARIZONA	25	7	8	0	28	7	49	5	134	8
ARKANSAS	53	3	3	0	3	1	14	1	8	1
CALIFORNIA	266	75	48	0	99	10	68	9	143	29
COLORADO	0	0	28	0	98	0	85	12	0	0
CONNECTICUT	82	-	-	-	-	-	376	-	508	-
DELAWARE	50	2	1	1	5	0	28	1	39	3
DISTRICT OF COLUMBIA	28	4	1	0	3	0	5	0	11	0
FLORIDA	323	42	29	5	64	17	173	12	177	0
GEORGIA	48	3	28	2	25	2	120	7	19	2
HAWAII	163	70	3	1	7	24	11	24	0	0
IDAHO	0	0	3	1	0	0	0	0	0	0
ILLINOIS	178	-	41	-	0	-	181	3	497	6
INDIANA	36	15	36	9	53	3	62	19	17	4
IOWA	0	0	54	0	6	0	44	0	0	0
KANSAS	-	9	17	0	7	0	41	0	23	0
KENTUCKY	84	3	8	3	19	2	111	1	170	6
LOUISIANA	383	84	56	16	21	2	98	11	67	5
MAINE	168	297	19	18	71	60	136	70	387	38
MARYLAND	60	8	28	28	69	3	189	7	243	6
MASSACHUSETTS	-	-	-	-	-	-	88	0	15	0
MICHIGAN	0	0	15	3	27	0	19	1	6	0
MINNESOTA	163	-	28	-	170	-	368	-	-	-
MISSISSIPPI	70	14	9	5	0	1	56	12	6	2
MISSOURI	256	0	9	0	0	0	0	0	59	0
MONTANA	0	0	7	0	2	0	7	0	7	0
NEBRASKA	0	6	0	0	0	0	0	0	3	0
NEVADA	11	1	4	2	0	1	5	3	13	2
NEW HAMPSHIRE	48	3	1	1	13	3	68	13	363	18
NEW JERSEY	3,428	82	37	1	158	0	653	31	1,726	42
NEW MEXICO	243	11	17	2	14	1	46	2	18	1
NEW YORK	-	-	-	-	-	-	-	-	-	-
NORTH CAROLINA	45	4	28	2	12	1	194	7	146	6
NORTH DAKOTA	0	0	5	0	0	0	41	3	0	0
OHIO	47	0	25	2	219	19	145	21	0	0
OKLAHOMA	71	13	26	16	38	6	74	5	165	26
OREGON	175	6	24	4	22	1	66	3	278	8
PENNSYLVANIA	178	0	32	0	68	0	156	0	195	0
PUERTO RICO	0	21	5	0	8	0	186	12	7	4
RHODE ISLAND	46	1	3	0	11	0	10	1	67	0
SOUTH CAROLINA	22	5	10	3	3	0	174	19	69	8
SOUTH DAKOTA	0	0	3	1	21	0	83	3	109	0
TENNESSEE	60	0	29	0	15	0	100	0	100	0
TEXAS	1,721	20	15	0	525	0	541	0	401	0
UTAH	1	0	9	1	3	1	4	0	12	1
VERMONT	21	0	16	0	15	0	23	0	260	0
VIRGINIA	80	11	152	6	31	12	489	26	157	18
WASHINGTON	4	2	18	2	-	-	-	-	19	3
WEST VIRGINIA	82	11	39	1	11	2	83	11	48	3
WISCONSIN	154	0	4	0	8	0	369	0	11	0
WYOMING	76	5	8	0	6	1	12	1	64	3
AMERICAN SAMOA	4	0	0	0	0	0	1	0	0	0
GUAM	0	0	0	1	1	0	8	0	0	0
NORTHERN MARIANAS	-	-	-	-	-	-	-	-	-	-
TRUST TERRITORIES	-	-	-	-	-	-	-	-	-	-
VIRGIN ISLANDS	-	-	-	-	-	-	-	-	-	-
BUR. OF INDIAN AFFAIRS	17	7	1	1	0	1	2	3	7	6
U.S. & INSULAR AREAS	9,824	745	961	145	1,989	193	5,782	382	6,888	262
50 STATES, D.C. & P.R.	8,683	738	961	143	1,968	193	5,771	359	6,891	256

THE TOTAL FTE FOR U.S. & INSULAR AREAS AND THE 50 STATES, D.C., & PUERTO RICO MAY NOT EQUAL THE SUM OF THE STATES AND INSULAR AREAS DUE TO ROUNDING.

DATA AS OF OCTOBER 1, 1987.

(T2A286)

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TABLE BE2

SCHOOL STAFF OTHER THAN SPECIAL EDUCATION TEACHERS EMPLOYED AND NEEDED TO SERVE HANDICAPPED CHILDREN FOR SCHOOL YEAR 1985-86

STATE	SUPERVISORS/ ADMINISTRATORS (SEA) EMPLOYED	NEEDED
ALABAMA	21	0
ALASKA	0	0
ARIZONA	6	1
ARKANSAS	2	1
CALIFORNIA	7	0
COLORADO	5	0
CONNECTICUT	-	-
DELAWARE	3	1
DISTRICT OF COLUMBIA	18	0
FLORIDA	24	16
GEORGIA	28	5
HAWAII	8	0
IDAHO	4	0
ILLINOIS	66	-
INDIANA	0	0
IOWA	23	0
KANSAS	20	0
KENTUCKY	50	2
LOUISIANA	59	0
MAINE	16	14
MARYLAND	0	0
MASSACHUSETTS	6	0
MICHIGAN	6	6
MINNESOTA	29	-
MISSISSIPPI	0	0
MISSOURI	0	0
MONTANA	0	0
NEBRASKA	23	0
NEVADA	3	2
NEW HAMPSHIRE	9	2
NEW JERSEY	88	0
NEW MEXICO	10	2
NEW YORK	1	-
NORTH CAROLINA	71	9
NORTH DAKOTA	4	0
OHIO	0	0
OKLAHOMA	0	0
OREGON	7	5
PENNSYLVANIA	24	3
PUERTO RICO	11	2
RHODE ISLAND	14	0
SOUTH CAROLINA	13	9
SOUTH DAKOTA	15	0
TENNESSEE	28	6
TEXAS	0	0
UTAH	3	2
VERMONT	12	0
VIRGINIA	21	0
WASHINGTON	-	-
WEST VIRGINIA	15	4
WISCONSIN	40	0
WYOMING	4	1
AMERICAN SAMOA	2	0
GUAM	2	0
NORTHERN MARIANAS	-	-
TRUST TERRITORIES	-	-
VIRGIN ISLANDS	-	-
BUR. OF INDIAN AFFAIRS	5	0
U.S. & INSULAR AREAS	829	86
50 STATES, D.C. & P.R.	829	86

THE TOTAL FTE FOR THE U.S. & INSULAR AREAS AND THE 50 STATES, D.C., & PUERTO RICO MAY NOT EQUAL THE SUM OF THE STATES AND INSULAR AREAS BECAUSE OF ROUNDING.

DATA AS OF OCTOBER 1, 1987.

(T2A286)